

\*\*\*\*\* STN Columbus \*\*\*\*\*

FILE 'HOME' ENTERED AT 13:00:46 ON 07 JAN 2009

=> fil .bec

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.22

0.22

FILES 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS, NTIS,  
ESBIOBASE, BIOTECHNO, WPIDS' ENTERED AT 13:01:03 ON 07 JAN 2009  
ALL COPYRIGHTS AND RESTRICTIONS APPLY. SEE HELP USAGETERMS FOR DETAILS.

11 FILES IN THE FILE LIST

=> s polyhydroxyalkano? or polyhydroxy? alkano? or pha#

FILE 'MEDLINE'

738 POLYHYDROXYALKANO?

2763 POLYHYDROXY?

1249 ALKANO?

8 POLYHYDROXY? ALKANO?

(POLYHYDROXY?(W)ALKANO?)

16658 PHA#

L1 16826 POLYHYDROXYALKANO? OR POLYHYDROXY? ALKANO? OR PHA#

FILE 'SCISEARCH'

1705 POLYHYDROXYALKANO?

5012 POLYHYDROXY?

6216 ALKANO?

21 POLYHYDROXY? ALKANO?

(POLYHYDROXY?(W)ALKANO?)

11059 PHA#

L2 11762 POLYHYDROXYALKANO? OR POLYHYDROXY? ALKANO? OR PHA#

FILE 'LIFESCI'

649 POLYHYDROXYALKANO?

1228 POLYHYDROXY?

471 ALKANO?

9 POLYHYDROXY? ALKANO?

(POLYHYDROXY?(W)ALKANO?)

6791 PHA#

L3 6943 POLYHYDROXYALKANO? OR POLYHYDROXY? ALKANO? OR PHA#

FILE 'BIOTECHDS'

894 POLYHYDROXYALKANO?

1241 POLYHYDROXY?

757 ALKANO?

42 POLYHYDROXY? ALKANO?

(POLYHYDROXY?(W)ALKANO?)

1017 PHA#

L4 1441 POLYHYDROXYALKANO? OR POLYHYDROXY? ALKANO? OR PHA#

FILE 'BIOSIS'

1151 POLYHYDROXYALKANO?

3220 POLYHYDROXY?

2638 ALKANO?

21 POLYHYDROXY? ALKANO?

(POLYHYDROXY?(W)ALKANO?)

18147 PHA#

L5 18508 POLYHYDROXYALKANO? OR POLYHYDROXY? ALKANO? OR PHA#

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FILE 'EMBASE'
    963 POLYHYDROXYALKANO?
    2449 POLYHYDROXY?
    3784 ALKANO?
    13 POLYHYDROXY? ALKANO?
        (POLYHYDROXY?(W)ALKANO?)
    16232 PHA#
L6    16500 POLYHYDROXYALKANO? OR POLYHYDROXY? ALKANO? OR PHA#

FILE 'HCAPLUS'
    2599 POLYHYDROXYALKANO?
    21967 POLYHYDROXY?
    39179 ALKANO?
    78 POLYHYDROXY? ALKANO?
        (POLYHYDROXY?(W)ALKANO?)
    16216 PHA#
L7    17220 POLYHYDROXYALKANO? OR POLYHYDROXY? ALKANO? OR PHA#

FILE 'NTIS'
    8 POLYHYDROXYALKANO?
    87 POLYHYDROXY?
    185 ALKANO?
    0 POLYHYDROXY? ALKANO?
        (POLYHYDROXY?(W)ALKANO?)
    535 PHA#
L8    537 POLYHYDROXYALKANO? OR POLYHYDROXY? ALKANO? OR PHA#

FILE 'ESBIOBASE'
    788 POLYHYDROXYALKANO?
    1429 POLYHYDROXY?
    744 ALKANO?
    19 POLYHYDROXY? ALKANO?
        (POLYHYDROXY?(W)ALKANO?)
    4644 PHA#
L9    4823 POLYHYDROXYALKANO? OR POLYHYDROXY? ALKANO? OR PHA#

FILE 'BIOTECHNO'
    527 POLYHYDROXYALKANO?
    818 POLYHYDROXY?
    528 ALKANO?
    7 POLYHYDROXY? ALKANO?
        (POLYHYDROXY?(W)ALKANO?)
    4715 PHA#
L10   4869 POLYHYDROXYALKANO? OR POLYHYDROXY? ALKANO? OR PHA#

FILE 'WPIDS'
    681 POLYHYDROXYALKANO?
    13735 POLYHYDROXY?
    50769 ALKANO?
    239 POLYHYDROXY? ALKANO?
        (POLYHYDROXY?(W)ALKANO?)
    1518 PHA#
L11   2120 POLYHYDROXYALKANO? OR POLYHYDROXY? ALKANO? OR PHA#

TOTAL FOR ALL FILES
L12   101549 POLYHYDROXYALKANO? OR POLYHYDROXY? ALKANO? OR PHA#

=> s xylose or xylan or hemicellulos?
FILE 'MEDLINE'
    7899 XYLOSE
    1939 XYLAN
    1489 HEMICELLULOS?

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L13        10469 XYLOSE OR XYLAN OR HEMICELLULOS?  
 FILE 'SCISEARCH'  
           8258 XYLOSE  
           3143 XYLAN  
           4949 HEMICELLULOS?  
 L14        14352 XYLOSE OR XYLAN OR HEMICELLULOS?  
 FILE 'LIFESCI'  
           3464 XYLOSE  
           2498 XYLAN  
           1148 HEMICELLULOS?  
 L15        6173 XYLOSE OR XYLAN OR HEMICELLULOS?  
 FILE 'BIOTECHDS'  
           3541 XYLOSE  
           1810 XYLAN  
           1330 HEMICELLULOS?  
 L16        5553 XYLOSE OR XYLAN OR HEMICELLULOS?  
 FILE 'BIOSIS'  
           12994 XYLOSE  
           3670 XYLAN  
           6129 HEMICELLULOS?  
 L17        20593 XYLOSE OR XYLAN OR HEMICELLULOS?  
 FILE 'EMBASE'  
           6179 XYLOSE  
           3074 XYLAN  
           1419 HEMICELLULOS?  
 L18        9580 XYLOSE OR XYLAN OR HEMICELLULOS?  
 FILE 'HCAPLUS'  
           30101 XYLOSE  
           7728 XYLAN  
           15740 HEMICELLULOS?  
 L19        47549 XYLOSE OR XYLAN OR HEMICELLULOS?  
 FILE 'NTIS'  
           196 XYLOSE  
           57 XYLAN  
           205 HEMICELLULOS?  
 L20        380 XYLOSE OR XYLAN OR HEMICELLULOS?  
 FILE 'ESBIOBASE'  
           3260 XYLOSE  
           1482 XYLAN  
           1613 HEMICELLULOS?  
 L21        5503 XYLOSE OR XYLAN OR HEMICELLULOS?  
 FILE 'BIOTECHNO'  
           2507 XYLOSE  
           1961 XYLAN  
           849 HEMICELLULOS?  
 L22        4604 XYLOSE OR XYLAN OR HEMICELLULOS?  
 FILE 'WPIDS'  
           3751 XYLOSE  
           804 XYLAN  
           1995 HEMICELLULOS?  
 L23        6113 XYLOSE OR XYLAN OR HEMICELLULOS?

TOTAL FOR ALL FILES  
L24 130869 XYLOSE OR XYLAN OR HEMICELLULOS?

=> s l12 and l24  
FILE 'MEDLINE'  
L25 11 L1 AND L13

FILE 'SCISEARCH'  
L26 20 L2 AND L14

FILE 'LIFESCI'  
L27 6 L3 AND L15

FILE 'BIOTECHDS'  
L28 15 L4 AND L16

FILE 'BIOSIS'  
L29 19 L5 AND L17

FILE 'EMBASE'  
L30 14 L6 AND L18

FILE 'HCAPLUS'  
L31 46 L7 AND L19

FILE 'NTIS'  
L32 1 L8 AND L20

FILE 'ESBIOBASE'  
L33 6 L9 AND L21

FILE 'BIOTECHNO'  
L34 7 L10 AND L22

FILE 'WPIDS'  
L35 26 L11 AND L23

TOTAL FOR ALL FILES  
L36 171 L12 AND L24

=> s levulinic acid  
FILE 'MEDLINE'  
1536 LEVULINIC  
1597980 ACID  
L37 373 LEVULINIC ACID  
(LEVULINIC(W)ACID)

FILE 'SCISEARCH'  
407 LEVULINIC  
1341050 ACID  
L38 373 LEVULINIC ACID  
(LEVULINIC(W)ACID)

FILE 'LIFESCI'  
92 "LEVULINIC"  
367700 "ACID"  
L39 89 LEVULINIC ACID  
( "LEVULINIC" (W) "ACID" )

FILE 'BIOTECHDS'  
88 LEVULINIC  
162177 ACID

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L40          84  LEVULINIC ACID
              (LEVULINIC(W)ACID)

FILE 'BIOSIS'
      2466  LEVULINIC
      1570309 ACID
L41          2428  LEVULINIC ACID
              (LEVULINIC(W)ACID)

FILE 'EMBASE'
      405  "LEVULINIC"
      1616348 "ACID"
L42          398  LEVULINIC ACID
              ("LEVULINIC"(W)"ACID")

FILE 'HCAPLUS'
      4467  LEVULINIC
      4749968 ACID
L43          4197  LEVULINIC ACID
              (LEVULINIC(W)ACID)

FILE 'NTIS'
      18  LEVULINIC
      45506 ACID
L44          15  LEVULINIC ACID
              (LEVULINIC(W)ACID)

FILE 'ESBIOBASE'
      106  LEVULINIC
      420559 ACID
L45          99  LEVULINIC ACID
              (LEVULINIC(W)ACID)

FILE 'BIOTECHNO'
      85  LEVULINIC
      349810 ACID
L46          85  LEVULINIC ACID
              (LEVULINIC(W)ACID)

FILE 'WPIDS'
      553  LEVULINIC
      1204385 ACID
L47          519  LEVULINIC ACID
              (LEVULINIC(W)ACID)

TOTAL FOR ALL FILES
L48          8660  LEVULINIC ACID

=> s l12 and l48
FILE 'MEDLINE'
L49          6  L1 AND L37

FILE 'SCISEARCH'
L50          12  L2 AND L38

FILE 'LIFESCI'
L51          5  L3 AND L39

FILE 'BIOTECHDS'
L52          7  L4 AND L40

FILE 'BIOSIS'

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L53          8 L5 AND L41

FILE 'EMBASE'
L54          5 L6 AND L42

FILE 'HCAPLUS'
L55          25 L7 AND L43

FILE 'NTIS'
L56          0 L8 AND L44

FILE 'ESBIOBASE'
L57          7 L9 AND L45

FILE 'BIOTECHNO'
L58          4 L10 AND L46

FILE 'WPIDS'
L59          4 L11 AND L47

TOTAL FOR ALL FILES
L60          83 L12 AND L48

=> s (136 or 160) not 2004-2009/py
FILE 'MEDLINE'
      3321583 2004-2009/PY
              (20040000-20099999/PY)
L61          10 (L25 OR L49) NOT 2004-2009/PY

FILE 'SCISEARCH'
      6175823 2004-2009/PY
              (20040000-20099999/PY)
L62          16 (L26 OR L50) NOT 2004-2009/PY

FILE 'LIFESCI'
      794185 2004-2009/PY
              7 (L27 OR L51) NOT 2004-2009/PY
L63

FILE 'BIOTECHDS'
      120155 2004-2009/PY
              14 (L28 OR L52) NOT 2004-2009/PY
L64

FILE 'BIOSIS'
      2893326 2004-2009/PY
              17 (L29 OR L53) NOT 2004-2009/PY
L65

FILE 'EMBASE'
      2856329 2004-2009/PY
              12 (L30 OR L54) NOT 2004-2009/PY
L66

FILE 'HCAPLUS'
      6696207 2004-2009/PY
              35 (L31 OR L55) NOT 2004-2009/PY
L67

FILE 'NTIS'
      83175 2004-2009/PY
              1 (L32 OR L56) NOT 2004-2009/PY
L68

FILE 'ESBIOBASE'
      1616686 2004-2009/PY
              7 (L33 OR L57) NOT 2004-2009/PY
L69

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FILE 'BIOTECHNO'  
586 2004-2009/PY  
L70 11 (L34 OR L58) NOT 2004-2009/PY

FILE 'WPIDS'  
5789709 2004-2009/PY  
L71 4 (L35 OR L59) NOT 2004-2009/PY

TOTAL FOR ALL FILES  
L72 134 (L36 OR L60) NOT 2004-2009/PY

=> s (cosubstrat? or levulinic or propion?)(10a)(addition? or second? or supplement?)

FILE 'MEDLINE'  
1060 COSUBSTRAT?  
1536 LEVULINIC  
32460 PROPION?  
1160480 ADDITION?  
932521 SECOND?  
147304 SUPPLEMENT?  
L73 832 (COSUBSTRAT? OR LEVULINIC OR PROPION?)(10A)(ADDITION? OR SECOND?  
OR SUPPLEMENT?)

FILE 'SCISEARCH'  
989 COSUBSTRAT?  
407 LEVULINIC  
29400 PROPION?  
1408051 ADDITION?  
993860 SECOND?  
166946 SUPPLEMENT?  
L74 1008 (COSUBSTRAT? OR LEVULINIC OR PROPION?)(10A)(ADDITION? OR SECOND?  
OR SUPPLEMENT?)

FILE 'LIFESCI'  
512 COSUBSTRAT?  
92 LEVULINIC  
10436 PROPION?  
353095 ADDITION?  
200051 SECOND?  
34414 SUPPLEMENT?  
L75 428 (COSUBSTRAT? OR LEVULINIC OR PROPION?)(10A)(ADDITION? OR SECOND?  
OR SUPPLEMENT?)

FILE 'BIOTECHDS'  
279 COSUBSTRAT?  
88 LEVULINIC  
2922 PROPION?  
50951 ADDITION?  
40728 SECOND?  
17552 SUPPLEMENT?  
L76 206 (COSUBSTRAT? OR LEVULINIC OR PROPION?)(10A)(ADDITION? OR SECOND?  
OR SUPPLEMENT?)

FILE 'BIOSIS'  
1290 COSUBSTRAT?  
2466 LEVULINIC  
44778 PROPION?  
1182387 ADDITION?  
736154 SECOND?  
218590 SUPPLEMENT?  
L77 1435 (COSUBSTRAT? OR LEVULINIC OR PROPION?)(10A)(ADDITION? OR SECOND?

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OR SUPPLEMENT?)

FILE 'EMBASE'
    972 COSUBSTRAT?
    405 LEVULINIC
    39342 PROPION?
    1073519 ADDITION?
    732170 SECOND?
    138795 SUPPLEMENT?
L78    702 (COSUBSTRAT? OR LEVULINIC OR PROPION?) (10A) (ADDITION? OR SECOND?
        OR SUPPLEMENT?)

FILE 'HCAPLUS'
    1965 COSUBSTRAT?
    4467 LEVULINIC
    146821 PROPION?
    241880 ADDITION?
    1718518 ADDN
    571081 ADDNL
    2377311 ADDITION?
        (ADDITION? OR ADDN OR ADDNL)
    1263216 SECOND?
    200725 SUPPLEMENT?
L79    3705 (COSUBSTRAT? OR LEVULINIC OR PROPION?) (10A) (ADDITION? OR SECOND?
        OR SUPPLEMENT?)

FILE 'NTIS'
    9 COSUBSTRAT?
    18 LEVULINIC
    546 PROPION?
    182332 ADDITION?
    147002 SECOND?
    29478 SUPPLEMENT?
L80    18 (COSUBSTRAT? OR LEVULINIC OR PROPION?) (10A) (ADDITION? OR SECOND?
        OR SUPPLEMENT?)

FILE 'ESBIOBASE'
    621 COSUBSTRAT?
    106 LEVULINIC
    9225 PROPION?
    499518 ADDITION?
    318896 SECOND?
    57316 SUPPLEMENT?
L81    536 (COSUBSTRAT? OR LEVULINIC OR PROPION?) (10A) (ADDITION? OR SECOND?
        OR SUPPLEMENT?)

FILE 'BIOTECHNO'
    457 COSUBSTRAT?
    85 LEVULINIC
    6189 PROPION?
    241683 ADDITION?
    116613 SECOND?
    18671 SUPPLEMENT?
L82    309 (COSUBSTRAT? OR LEVULINIC OR PROPION?) (10A) (ADDITION? OR SECOND?
        OR SUPPLEMENT?)

FILE 'WPIDS'
    48 COSUBSTRAT?
    553 LEVULINIC
    43631 PROPION?
    699952 ADDITION?
    137168 ADDN

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      824068 ADDITION?
        (ADDITION? OR ADDN)
      1732885 SECOND?
      110750 SEC
      1826289 SECOND?
        (SECOND? OR SEC)
      77753 SUPPLEMENT?
L83      872 (COSUBSTRAT? OR LEVULINIC OR PROPION?) (10A) (ADDITION? OR SECOND?
        OR SUPPLEMENT?)

TOTAL FOR ALL FILES
L84      10051 (COSUBSTRAT? OR LEVULINIC OR PROPION?) (10A) (ADDITION? OR SECOND?
        OR SUPPLEMENT?)

=> s l12 and l84
FILE 'MEDLINE'
L85      6 L1 AND L73

FILE 'SCISEARCH'
L86      19 L2 AND L74

FILE 'LIFESCI'
L87      11 L3 AND L75

FILE 'BIOTECHDS'
L88      8 L4 AND L76

FILE 'BIOSIS'
L89      9 L5 AND L77

FILE 'EMBASE'
L90      7 L6 AND L78

FILE 'HCAPLUS'
L91      22 L7 AND L79

FILE 'NTIS'
L92      1 L8 AND L80

FILE 'ESBIOBASE'
L93      12 L9 AND L81

FILE 'BIOTECHNO'
L94      10 L10 AND L82

FILE 'WPIDS'
L95      4 L11 AND L83

TOTAL FOR ALL FILES
L96      109 L12 AND L84

=> s l96 not 2004-2009/py
FILE 'MEDLINE'
      3321583 2004-2009/PY
        (20040000-20099999/PY)
L97      5 L85 NOT 2004-2009/PY

FILE 'SCISEARCH'
      6175823 2004-2009/PY
        (20040000-20099999/PY)
L98      14 L86 NOT 2004-2009/PY

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FILE 'LIFESCI'  
794185 2004-2009/PY  
L99 10 L87 NOT 2004-2009/PY

FILE 'BIOTECHDS'  
120155 2004-2009/PY  
L100 7 L88 NOT 2004-2009/PY

FILE 'BIOSIS'  
2893326 2004-2009/PY  
L101 7 L89 NOT 2004-2009/PY

FILE 'EMBASE'  
2856329 2004-2009/PY  
L102 7 L90 NOT 2004-2009/PY

FILE 'HCAPLUS'  
6696207 2004-2009/PY  
L103 16 L91 NOT 2004-2009/PY

FILE 'NTIS'  
83175 2004-2009/PY  
L104 1 L92 NOT 2004-2009/PY

FILE 'ESBIOBASE'  
1616686 2004-2009/PY  
L105 10 L93 NOT 2004-2009/PY

FILE 'BIOTECHNO'  
586 2004-2009/PY  
L106 10 L94 NOT 2004-2009/PY

FILE 'WPIDS'  
5789709 2004-2009/PY  
L107 1 L95 NOT 2004-2009/PY

TOTAL FOR ALL FILES  
L108 88 L96 NOT 2004-2009/PY

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

24.22

24.44

STN INTERNATIONAL LOGOFF AT 13:07:10 ON 07 JAN 2009